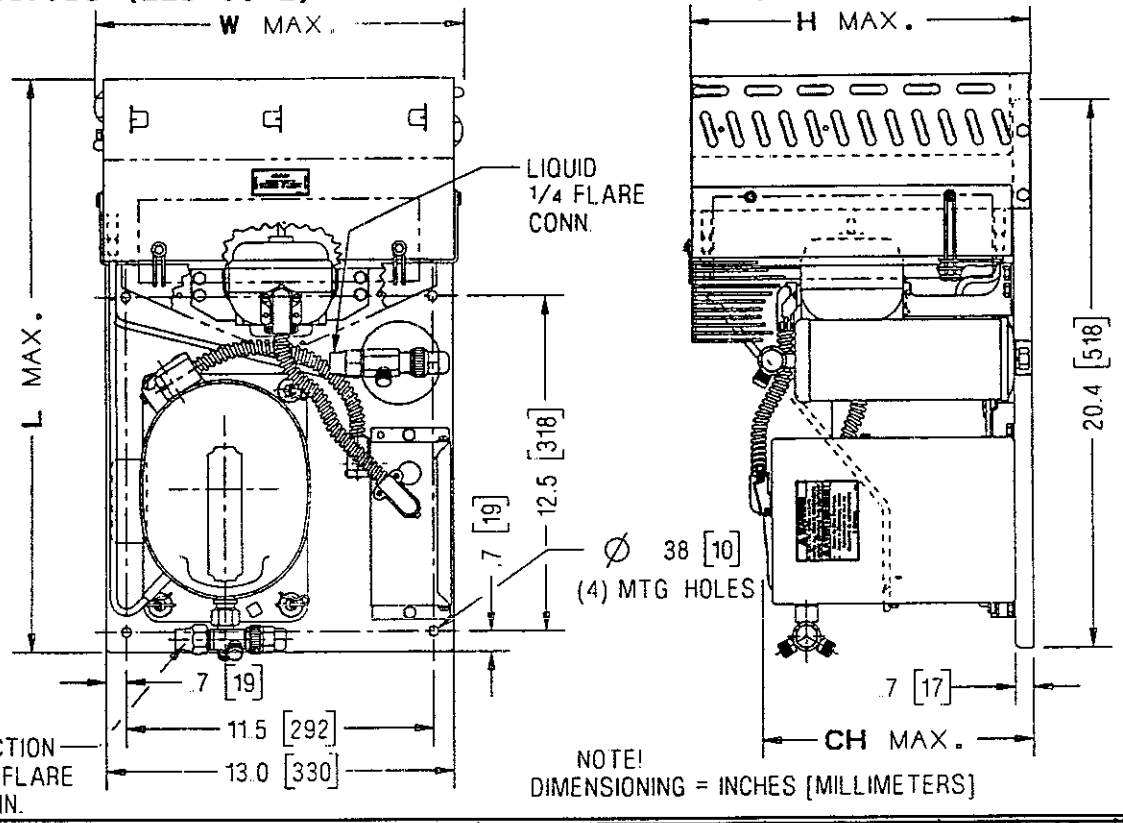
TECUMSEH HERMETIC CONDENSING UNITS

MODEL AK4476YC (115-60-1) **R134a** **1/2 HP** **AIR COOLED**



Model	Dimensions				*Line Connections		Pumpdown 90°F 90% Full	Air CFM	Oil Chg oz.	Gross Wt. Lbs.
	L	W	H	CH	Suction	Liquid				
AK4476YC	20.6	13.9	13.2	10.0	1/2 F	1/4 F	3.5#	590	17	70

*F=Flare, S=Solder, RF or RS = Rotolock Valve with Flare or Solder Connections

Factory Charge: 20 psig dry air - MUST BE EVACUATED

Approved Evap. Range		Ambient								
		90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
20	18.4	4400	870	155	4050	880	170	3650	890	190
25	22.1	4900	910	165	4450	930	180	4050	950	200
30	26.0	5400	980	170	4900	1010	190	4500	1040	210
35	30.3	5950	1040	180	5400	1080	200	4950	1120	225
40	35.0	6500	1110	185	5900	1160	210	5350	1200	235
45	40.0	7100	1180	195	7400	1240	220	5850	1300	250
50	45.3	7700	1260	205	6900	1330	230	6350	1400	265
55	51.1	8400	1340	215	7500	1430	245	6850	1510	280

Based on 65°F return gas and 5°F subcooling.

Model AK4476YC

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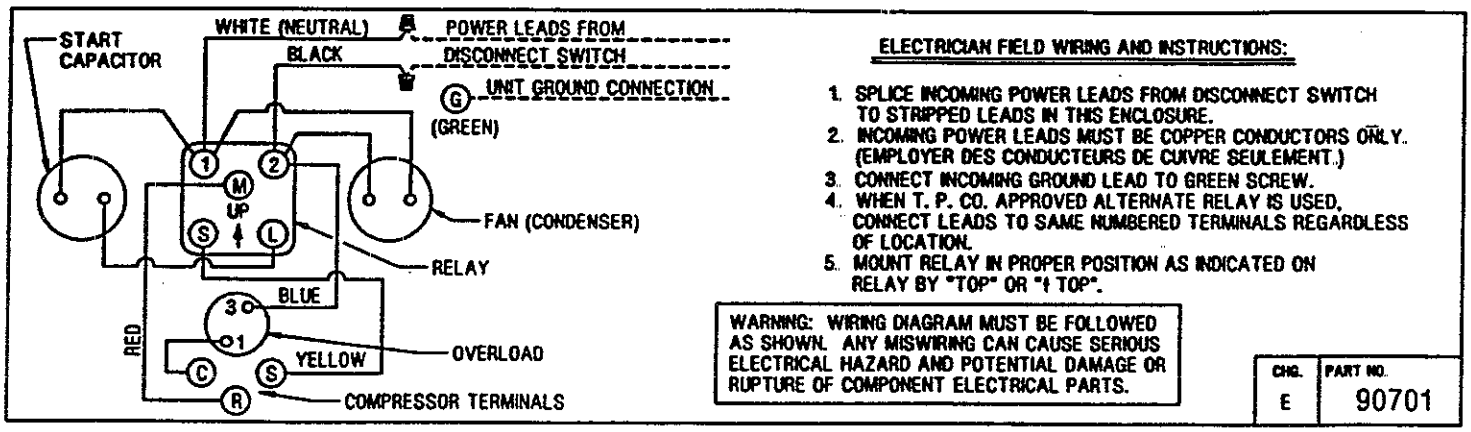
SPECIFICATIONS

Nominal Voltage	115-60-1
Unit Bill of Material	2C294-1
Voltage Range	126.5 to 103.5
Minimum Circuit Ampacity	15.5
Max. Fuse Size (Amps)	25
Compressor Model	AK4476Y
Bill of Material	AK169AT-038-P2
RLA/LRA	11.3/58.8
Cap. Cabinet Assy	AE1197-044A
Overload	8300MRAM53
Relay	82498-1
Cap. Start	85PS125A43
Rating	378-455/125
Fan Motor	810M035A29
Fan Blade	51541-1
Fan Guard	71020
Condenser	50798-2
Condenser Shroud	70724-2
Receiver Tank	51067-4
Unit Drawing	SU1909-24
Schematic or Elect. Dwg.	90701



ELECTRICIAN FIELD WIRING AND INSTRUCTIONS:

1. SPLICE INCOMING POWER LEADS FROM DISCONNECT SWITCH TO STRIPPED LEADS IN THIS ENCLOSURE.
2. INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.)
3. CONNECT INCOMING GROUND LEAD TO GREEN SCREW.
4. WHEN T. P. CO. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS REGARDLESS OF LOCATION.
5. MOUNT RELAY IN PROPER POSITION AS INDICATED ON RELAY BY "TOP" OR "↑ TOP".

WARNING: WIRING DIAGRAM MUST BE FOLLOWED AS SHOWN. ANY MISWIRING CAN CAUSE SERIOUS ELECTRICAL HAZARD AND POTENTIAL DAMAGE OR RUPTURE OF COMPONENT ELECTRICAL PARTS.

CHG.	PART NO.
E	90701

U.L. Recognized ---------- File #SA2372 -------- Card Guide #SGYU
CSA Certified ---------- Canadian File #12964C -------- USA File #8873C